

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT APPLICATION TRANSMITTAL UNDER 37 CFR 1.53

BOX PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231



Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): Bryan J. Boyle, Nancy K. Mize, Matthew C. Arterburn, George Yeung, Y. Tom Tang, Chenghua Liu, Radoje T. Drmanac, Menq-Yun Wang, Lichuan Chen, Yea-Huey Yang

Title: METHODS AND MATERIALS RELATING TO METALLOCARBOXYPEPTIDASE-LIKE POLYPEPTIDES AND POLYNUCLEOTIDES

1. Type of application

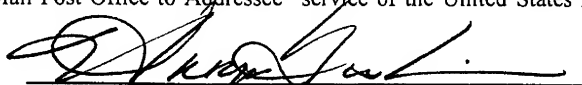
- ☒ This is a new application for a
- ☒ Utility patent. ☐ Design patent.
- ☒ This is a continuation-in-part application of prior application no. 09/560,875 filed 04/27/00, Attorney Docket No. 787CIP, which is a continuation-in-part application of prior application no. 09/496,914 filed 02/03/00, Attorney Docket No. 787.

2. Application Papers Enclosed

- 1 Title Page
- 121 Pages of Specification (excluding Claims, Abstract, Drawings & Sequence Listing)
- 5 Page(s) of Claims
- 1 Page(s) of Abstract
- 2 Sheet(s) of Drawings (Figs. 1 and 2)
- ☒ Formal ☐ Informal
- 11 Page(s) of Sequence Listing

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this Patent Application Transmittal and the documents referred to as enclosed therewith are being deposited with the United States Postal Service on **September 29, 2000**, in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 utilizing the "Express Mail Post Office to Addressee" service of the United States Postal Service under Mailing Label No. **EK916749343US**


Annya Dushine

3. Oath or Declaration

- ☐ Enclosed
 - ☐ Executed by (check all applicable boxes)
 - ☐ Inventor(s)
 - ☐ Legal representative of inventors(s) (37 CFR 1.42 or 1.43)
 - ☐ Joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached
 - ☐ The petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 are enclosed. See Item 5D below for fee.
- ☒ Unexecuted – the undersigned attorney or agent is authorized to file this application on behalf of the applicant(s). An executed declaration will follow.

4. Additional Papers Enclosed

- ☐ Preliminary Amendment
- ☐ Information Disclosure Statement
- ☐ Declaration of Biological Deposit
- ☒ Computer readable copy of sequence listing containing nucleotide and/or amino acid sequence and Statement Under 37 CFR § 1.821(f)
- ☒ Paper copy of sequence listing identical to computer copy (11 Pages)
- ☐ Microfiche computer program
- ☒ Verified statement claiming small entity status under 37 CFR 1.9 and 1.27
- ☐ Associate Power of Attorney
- ☐ Verified translation of a non-English patent application
- ☒ Return receipt postcard
- ☐ Other _____

5. Priority Applications Under 35 USC 119

Certified copies of applications from which priority under 35 USC 119 is claimed are listed below and

- ☐ are attached.
- ☐ will follow.

6. **Filing Fee Calculation (37 CFR 1.16)**

A. ☒ **Utility Application**

CLAIMS AS FILED – INCLUDING PRELIMINARY AMENDMENT (IF ANY)						
			SMALL ENTITY		OTHER THAN A SMALL ENTITY	
	NO. FILED	NO. EXTRA	RATE	FEE	RATE	FEE
BASIC FEE				\$345.00		\$690.00
TOTAL	30-20	= 10	X 9 =	\$90.00	X 18 =	\$0.00
INDEP.	3-3	= 0	X 39 =	\$00.00	X 78 =	\$0.00
<input type="checkbox"/> First Presentation of Multiple Dependent Claim			+ 130 =		+ 260 =	\$0.00
FILING FEE:				\$435.00	OR	\$0.00

B. ☐ **Design Application (\$155.00/\$310.00)** Filing Fee: \$ _____

C. ☐ **Plant Application (\$240.00/\$480.00)** Filing Fee: \$ _____

D. **Other fees**

☐ Recording Assignment [Fee -- \$40.00 per assignment] \$ _____

☐ Petition fee for filing by other than all the inventors
or person on behalf of the inventor where inventor
refused to sign or cannot be reached [Fee -- \$130.00] \$ _____

☐ Other \$ _____

TOTAL FEES ENCLOSED \$ 435.00

7. **Method of Payments of Fees**

- ☐ Enclosed check
- ☒ Charge Deposit Account No. 501169. A duplicate copy of this transmittal is enclosed
- ☐ Not enclosed

8. **Deposit Account and Refund Authorization**

The Commissioner is hereby authorized to charge payment of any additional fees due or credit any overpayment to Deposit Account No. 501169. A duplicate copy of this transmittal is enclosed.

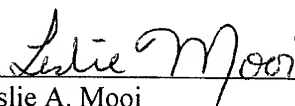
Please refund any overpayment to Hyseq, Inc. at the address below.

Please direct all future correspondence to Leslie A. Mooi at the address below.

Respectfully submitted,

Date: September 29, 2000

By:



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